

Communication Options

Communication Option Kits

Description	Cat. No.
BACnet MS/TP RS485 Communication Adapter	20-COMM-B
ControlNet Communication Adapter (Coax)	20-COMM-C
DeviceNet Communication Adapter	20-COMM-D
EtherNet/IP Communication Adapter	20-COMM-E
HVAC Communication Adapter	20-COMM-H
CANopen Communication Adapter	20-COMM-K
LonWorks Communication Adapter	20-COMM-L
Modbus/TCP Communication Adapter	20-COMM-M
PROFIBUS DP Communication Adapter	20-COMM-P
ControlNet Communication Adapter (Fiber)	20-COMM-Q
Remote I/O Communication Adapter † 1	20-COMM-R
RS485 DF1 Communication Adapter	20-COMM-S
External Communications Kit Power Supply	20-XCOMM-AC-PS1
DPI External Communications Kit	20-XCOMM-DC-BASE
External DPI I/O Option Board †	20-XCOMM-IO-OPT1
Compact I/O Module (3 Channel)	1769-SM1
Serial Null Modem Adapter	1203-SNM
Smart Self-powered Serial Converter (RS232) includes 1203-SFC and 1202-C10 Cables	1203-SSS
Universal Serial Bus™ (USB) Converter includes 2m USB, 20-HIM-H10 & 22-HIM-H10 Cables	1203-USB

† For use only with DPI External Communications Kits 20-XCOMM-DC-BASE.

1 The remote I/O has silver series status. For more information, refer to <http://www.ab.com/silver>.

Other Options

Description	Cat. No.
DriveGuard * Safe-Off Board §	20A-DG01
5V/12V Encoder §	20A-ENC-1
115V ac Interface	AK-M9-115VAC-1
Frame E Flange Gasket	AK-M9-GASKET1-E4
Service Connection Board ※	SK-M9-SCB1

§ Works only with PowerFlex 70 Enhanced Control.

※ Provides temporary DPI/HIM connection for NEMA/UL Type 1 and Flange drives with cover removed.

Terminators

Description †	Cat. No.
for use with 3.7 kW (5 Hp) & below drives	1204-TFA1
for use with 1.5 kW (2 Hp) & up drives	1204-TFB2

† Refer to Appendix A of publication DRIVES-IN001 for selection information.

Reflected Wave Reduction Modules

Description †	Cat. No.
17A with Common Mode Choke	1204-RWC-17-A
9A without Choke, Book Mount	1204-RWR2-09-B
9A without Choke, Stack Mount	1204-RWR2-09-C

† Refer to Appendix A of publication DRIVES-IN001 for selection information.

Reflective Wave Reduction Devices

1321-RWR devices are used at the output of the drive to reduce dv/dt and motor terminal peak voltages

480V, 60 Hz, Three-phase		
Drive Cat. No.	kW (Hp)	RWR Filter Cat. No.
20AD1P1-ND	0.37 (0.5)	—
20AD2P1-ND	0.75 (1.0)	—
20AD3P4-ND	1.5 (2.0)	—
20AD5P0-ND	2.2 (3.0)	—
20AD8P0-ND	4.0 (5.0)	1321-RWR8-DP
20AD011-ND	5.5 (7.5)	1321-RWR12-DP
20AD014-ND	7.5 (10)	1321-RWR18-DP
20AD022-ND	11 (15)	1321-RWR25-DP
20AD027-ND	15 (20)	1321-RWR35-DP
20AD034-ND	18.5 (25)	1321-RWR35-DP
20AD040-ND	22 (30)	1321-RWR45-DP
20AD052-ND	30 (40)	1321-RWR55-DP
20AD065-ND	37 (50)	1321-RWR80-DP

600V, 60 Hz, Three-phase		
Drive Cat. No.	kW (Hp)	RWR Filter Cat. No.
20AE0P9-ND	0.37 (0.5)	—
20AE1P7-ND	0.75 (1.0)	—
20AE2P7-ND	1.5 (2.0)	—
20AE3P9-ND	2.2 (3.0)	—
20AE6P1-ND	4.0 (5.0)	1321-RWR8-EP
20AE9P0-ND	5.5 (7.5)	1321-RWR12-EP
20AE011-ND	7.5 (10)	1321-RWR18-EP
20AE017-ND	11 (15)	1321-RWR25-EP
20AE022-ND	15 (20)	1321-RWR35-EP
20AE027-ND	18.5 (25)	1321-RWR45-EP
20AE032-ND	22 (30)	1321-RWR55-EP
20AE041-ND	30 (40)	1321-RWR80-EP
20AE052-ND	37 (50)	1321-RWR100-EP